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(71) Applicant *(for all designated States except US)*: **CAMBRIDGE DISPLAY TECHNOLOGY LIMITED** [GB/GB]; Building 2020, Cambourne Business Park Cambourne, Cambridge Cambridgeshire CB3 6DW (GB).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **SMITH, Euan, Christopher** [GB/GB]; c/o Cambridge Display Technology Limited, Building 2020 Cambourne Business Park Cambourne, Cambridge Cambridgeshire CB3 6DW (GB). **ROUTLEY, Paul, Richard** [GB/GB]; c/o Cambridge Display Technology Limited, Building 2020 Cambourne Business Park Cambourne, Cambridge Cambridgeshire CB3 6DW (GB).

(74) Agent: **Marks & Clerk**; 66-68 Hills Road, Cambridge Cambridgeshire CB2 ILS (GB).

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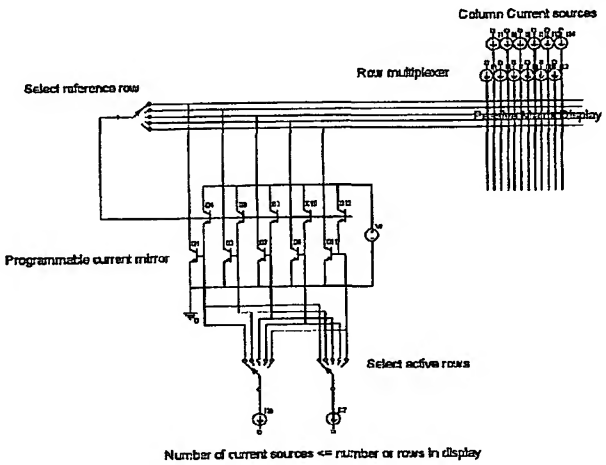
(54) Title: MULTI-LINE ADDRESSING METHODS AND APPARATUS



(57) Abstract: This invention relates to methods and apparatus for driving electroluminescent, in particular organic light emitting diodes (OLED) displays using multi-ling addressing (MLA) techniques. Embodiments of the invention are particularly suitable for use with so-called passive matrix OLED displays. A current generator for an electroluminescent display driver, the current generator comprising: a first, reference current input to receive a reference current; a second, ratioed current input to receive a ratioed current; a first ratio control input to receive a first control signal input; a controllable current mirror having a control input coupled to said first ratio control input, a current input coupled to said reference current input, and an output coupled to said ratioed current input; said current generator being configured such that a signal on said control input controls a ratio of said ratioed current to said reference current.

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